***Brain Practice Test***

**Match the term and definition. ONE TERM WILL NOT BE USED**

|  |  |
| --- | --- |
| 1. The part of the brain responsible for thought | 1. Cerebellum |
| 1. The part of the brain responsible for balance | 1. Cerebrum |
| 1. The part of the brain responsible for basic life functions | 1. Brain stem |
| 1. The specialized cell that sends and receives messages to other cells | 1. Spinal cord |
| 1. The cells that support the neurons | 1. Neuron |
|  | 1. Glial |

**Select the best response:**

1. The brain and the spinal cord make up the

Central nervous system

Peripheral nervous system

Ganglion nervous system

1. What kind of message does the neurotransmitter send across the synapse?

Electric impulse

Chemical signal

No signal

1. Which is NOT a job of the glial cells?

Guide growth

Supply nutrients

Send electrical impulses

Flush out debris

Provide insulation

1. True or False: The brain is folded so that it can fit into the skull

**UNDERLINE the stimulus and CIRCLE the response in each situation**

1. Heidi walks down the hall. She hears a loud noise and it causes her to jump.
2. Eddie is riding his bike down the road. Suddenly a dog begins barking at him and chasing him. Eddie yells at the dog and peddles his bike faster.

**Identify each neurotransmitter as an exitor (E) or inhibitor (I)**

\_\_\_\_\_ Serotonin does not stimulate the brain (it stabilizes excited neurotransmitters)

\_\_\_\_\_\_ GABA stops an excited neurotransmitter from firing

\_\_\_\_\_\_ Epinephrine increases the heart rate

**ESSAY: Write a response to the prompt**

1. Does a person need a whole brain in order to survive?
2. What is a concussion? What are the symptoms and treatments for a concussion?

KEY

1. B
2. A
3. C
4. E
5. F
6. Central nervous system
7. Chemical signal
8. Send electrical impulses
9. True
10. Heidi walks down the hall. She hears a loud noise and it causes her to jump.
11. Eddie is riding his bike down the road. Suddenly a dog begins barking at him and chasing him. Eddie yells at the dog and peddles his bike faster.
12. I
13. I
14. E
15. No – think of the girl we saw in the video who had half of her brain removed
16. Concussion is an injury to the brain. Symptoms include forgetfulness, foggy head, headaches, sensitivity to light / noise, etc. Treatment is to rest your brain